

Project Build with CaRe - WP 2 Education and Training

Education Packages on passive house and low energy techniques

	<i>Outputs and teaching materials in Designed Educational Package</i>	<i>Materials available in</i>	<i>Institution</i>	<i>Contact person</i>	<i>Email</i>
1	Passive house concept				
	Introduction to PassivHaus (theory lesson)	German, English	Ausbildungszentrum-Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de
	PassivHaus Workshop	Swedish, English	Passivhuscentrum Alingsås	John Helmfridsson	john.helmfridsson@passivhuscentrum.se
	Introduction to Passive House Standard (lecture)	German	Hamburg University of Technology	Prof. H.-J. Holle	h-j.holle@tuhh.de
	eBuild	English	Dundee College	Chris Ashe	c.ashe@dundeecollege.ac.uk
2	Construction methods using bricks, blocks, concrete				
	Foundation construction (theory lesson)	German	Ausbildungszentrum-Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de
	Base slabs and cellar ceilings	German	Hamburg University of Technology	Prof. H.-J. Holle	h-j.holle@tuhh.de
	Massive wall construction (theory lesson)	German	Ausbildungszentrum-Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de
	Massive wall construction (practice session)	German	Ausbildungszentrum-Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de
	Exterior walls (lecture)	German	Hamburg University of Technology	Prof. H.-J. Holle	h-j.holle@tuhh.de
	Passive House Windows (lecture)	German	Hamburg University of Technology	Prof. H.-J. Holle	h-j.holle@tuhh.de
	Roof constructions (lecture)	German	Hamburg University of Technology	Prof. H.-J. Holle	h-j.holle@tuhh.de
	Use of innovative materials (lecture)	German	Hamburg University of Technology	Prof. H.-J. Holle	h-j.holle@tuhh.de
	Insulation Materials (theory + practice session)	English	West Suffolk College	Elizabeth Bray	elizabeth.bray@wsc.as.uk
	eBuild	English	Dundee College	Chris Ashe	c.ashe@dundeecollege.ac.uk
3	Construction methods in timber frame and light weight				
	Timber wall construction (theory lesson)	German	Ausbildungszentrum-Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de

	Timber wall construction (practice session)	German	Ausbildungszentrum-Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de
	SIPs Structural insulated Panel System (lecture + e-learning)	English	West Suffolk College	Elizabeth Bray	elizabeth.bray@wsc.as.uk
	Thermal Bridges (lecture + e-learning)	English	West Suffolk College	Elizabeth Bray	elizabeth.bray@wsc.as.uk
4	Construction fittings and joints and overlaps				
	Overlap solar (theory + practice session)	German	Ausbildungszentrum-Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de
	Overlap ventilation (theory + practice session)	German	Ausbildungszentrum-Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de
	Overlap window (theory + practice session)	German	Ausbildungszentrum-Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de
5	Thermal bridges				
	Thermal Bridges (lecture)	German	Hamburg University of Technology	Prof. H.-J. Holle	h-j.holle@tuhh.de
	Thermography in buildings (lecture)	German	Hamburg University of Technology	Prof. H.-J. Holle	h-j.holle@tuhh.de
	eBuild	English	Dundee College	Chris Ashe	c.ashe@dundeecollege.ac.uk
6	Air tightness				
	Air Tightness (lecture + workshop)	German	Hamburg University of Technology	Prof. H.-J. Holle	h-j.holle@tuhh.de
	Achieving Air-Tightness in Dwellings (e-learning)	English	West Suffolk College	Elizabeth Bray	elizabeth.bray@wsc.as.uk
	eBuild	English	Dundee College	Chris Ashe	c.ashe@dundeecollege.ac.uk
7	Retro-fitting				
	Retro-fitting Software (workshop)	German	Staatliche Gewebeschool für Bautechnik G19	Hans-Jürgen Hansen	g19@hibb.hamburg.de
	Refurbishment of roof constructions	German	Hamburg University of Technology	Prof. H.-J. Holle	h-j.holle@tuhh.de
	Construction examples in AZB's exhibition (workshop)	German	Ausbildungszentrum-Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de
	eBuild	English	Dundee College	Chris Ashe	c.ashe@dundeecollege.ac.uk
8	Building/technical services				
	Renewable Energies (lecture)	German	Hamburg University of Technology	Prof. H.-J. Holle	h-j.holle@tuhh.de

	Mechanical Ventilation with Heat Recovery (e-learning)	English	West Suffolk College	Elizabeth Bray	elizabeth.bray@wsc.as.uk
	Solar Hot Water & its Integration into Commercial Buildings (lecture)	English	West Suffolk College	Elizabeth Bray	elizabeth.bray@wsc.as.uk
	eBuild	English	Dundee College	Chris Ashe	c.ashe@dundeecollege.ac.uk
9	Quality assurance				
	Real example in Hamburg (Poster in AZB exhibition)	German	Ausbildungszentrum-Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de
	eBuild	English	Dundee College	Chris Ashe	c.ashe@dundeecollege.ac.uk
10	Non-residential buildings				
	BWC demonstration object Puyenbroeck visitors centre (Architectural drawings)	Selection in English	Province of East Flanders	Mia Versijpt	mia.versijpt@oost-vlaanderen.be
	BWC demonstration object Puyenbroeck visitors centre (project information sheet)	English	Province of East Flanders	Mia Versijpt	mia.versijpt@oost-vlaanderen.be
	Prittlewell Chapel renovation project film series	English	Southend on Sea Borough Council	Amy Roberts	http://www.southend.gov.uk/buildwithcare
11	Excursions to building objects and exhibitions				
	Exhibition bauraum (Bremen)	German	Bremer Energie-Konsens GmbH	Sonja Kurtze	kurtze@energiekonsens.de
	Exhibition on best-practice/PH construction site Hamburg (AZB)	German	Ausbildungszentrum-Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de
	Alingsås Passivhuscentrum	Swedish	Passivhuscentrum Alingsås	John Helmfridsson	john.helmfridsson@passivhuscentrum.se
	Puyenbroeck Visitors centre	Belgian	Province of East Flanders	Mia Versijpt	mia.versijpt@oost-vlaanderen.be
	Aberdeen Marischal College centre	English	Aberdeen City Council	Amy Smith	amysmith@aberdeencity.gov.uk
	Prittlewell Priory visitors centre	English	Southend on Sea Borough Council	Amy Roberts	www.prittlewellpriory.com

	Prittlewell Priory visitors centre/ Update videos	English	Southend on Sea Borough Council	Amy Roberts	April 2011 http://www.southend.gov.uk/info/1131/sustainable_development-general/1104/build_with_care/2 March 2011 http://www.southend.gov.uk/info/1131/sustainable_development-general/1104/build_with_care/3 Jan 2011 http://www.southend.gov.uk/info/1131/sustainable_development-general/1104/build_with_care/4 Nov 2010 http://www.southend.gov.uk/info/1131/sustainable_development-general/1104/build_with_care/5 Aug 2010 http://www.southend.gov.uk/info/1131/sustainable_development-general/1104/build_with_care/6
	IBA Hamburg building exhibition	German, partly in English	IBA Hamburg	Caroline König	caroline.koenig@iba-hamburg.de
	Promotion for Open days of passive houses	Various partners languages	Various partners	Various partners	www.passiv.de
	Weblinks to passive house and low- energy-retrofit examples	Various partners languages	Various partners	Various partners	www.passiv.de ; www.ak-passivhaus.de ; www.buildwithcare.eu
12	Passive house design				
	Mechanical Ventilation with Heat Recovery (e-learning)	English	West Suffolk College	Elizabeth Bray	elizabeth.bray@wsc.as.uk
	PassivHaus workshop	Swedish, English	Passivhuscentrum Alingsås	John Helmfriidsson	john.helmfridsson@passivhuscentrum.se
	eBuild	English	Dundee College	Chris Ashe	c.ashe@dundeecollege.ac.uk
13	Decision making tools				
	PassivHaus workshop	Swedish, English	Passivhuscentrum Alingsås	John Helmfriidsson	john.helmfridsson@passivhuscentrum.se
	Introduction lecture/ Overview of advantages (AZB)	German, English	Ausbildungszentrum- Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de
	Retrofit software (workshop)	German	Staatliche Gewebeschule für Bautechnik G19	Hans-Jürgen Hansen	g19@hibb.hamburg.de

	eBuild	English	Dundee College	Chris Ashe	c.ashe@dundeecollege.ac.uk
14	Information package for sellers and entrepreneurs				
	PassivHaus workshop	Swedish, English	Passivhuscentrum Alingsås	John Helmfridsson	john.helmfridsson@passivhuscentrum.se
	Introduction lecture/ Overview of advantages (AZB)	German, English	Ausbildungszentrum-Bau in Hamburg GmbH	Jens Schwarz	jens.schwarz@azb-hamburg.de
	Retrofit software (workshop)	German	Staatliche Gewebeschule für Bautechnik G19	Hans-Jürgen Hansen	g19@hibb.hamburg.de
	Introduction climate change and passive house/retrofitting	German	Staatliche Gewebeschule für Bautechnik G19	Hans-Jürgen Hansen	g19@hibb.hamburg.de
	eBuild	English	Dundee College	Chris Ashe	c.ashe@dundeecollege.ac.uk
15	Construction physics				
	Building physics (workshop with experiments) + Science kit	German	Hamburg University of Technology	Prof. H.-J. Holle	h-j.holle@tuhh.de